

Citrulline : a serological parameter for monitoring epithelial small bowel cancer treatment induced injury

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Stellingen behorende bij het proefschrift

Citrulline, a serological parameter for monitoring epithelial small bowel cancer treatment induced injury.

1. The citrulline assay and the microcolony assay are supplementary with regard to the radiation dose range and with regard to their application (*dit proefschrift*).
2. The plasma citrulline level is a reliable parameter for the loss of functional small bowel epithelial cells, independent of the underlying cause (*dit proefschrift*).
3. The citrulline assay is the first choice for measuring and monitoring cytotoxic treatment-induced epithelial small bowel injury (*dit proefschrift*).
4. For radiation doses below 50 Gy small bowel Dose Volume Histogram analysis is an obsolete procedure. (*dit proefschrift*).
5. The small bowel constitutes a big problem in curative abdominal and/or pelvic radiotherapy.
6. Normal tissue injury has become the limiting factor in cancer treatment.
7. The differences in the risk of developing complications between the small and large bowel are more determined by the bowel content than the bowel structure.
8. Unraveling the molecular pathways involved in small bowel epithelial homeostasis, i.e. controlling the process of proliferation, apoptosis and anoikis, will significantly contribute to solving the cancer problem.
9. In case of localized cancers carbon ions will replace the surgical knife without leaving a visible scar.
10. Knowing the right answer does not mean the question was right.
11. De kins pas euver de aw brök proate es te d'r oonder door bis gevaare.